



# *Northern Everglades and Estuaries Protection Program*

**Tom Teets, Project Implementation Manager  
Northern Everglades**





# Getting the Water Right

Quantity

Q

Quality

Q

T

Timing

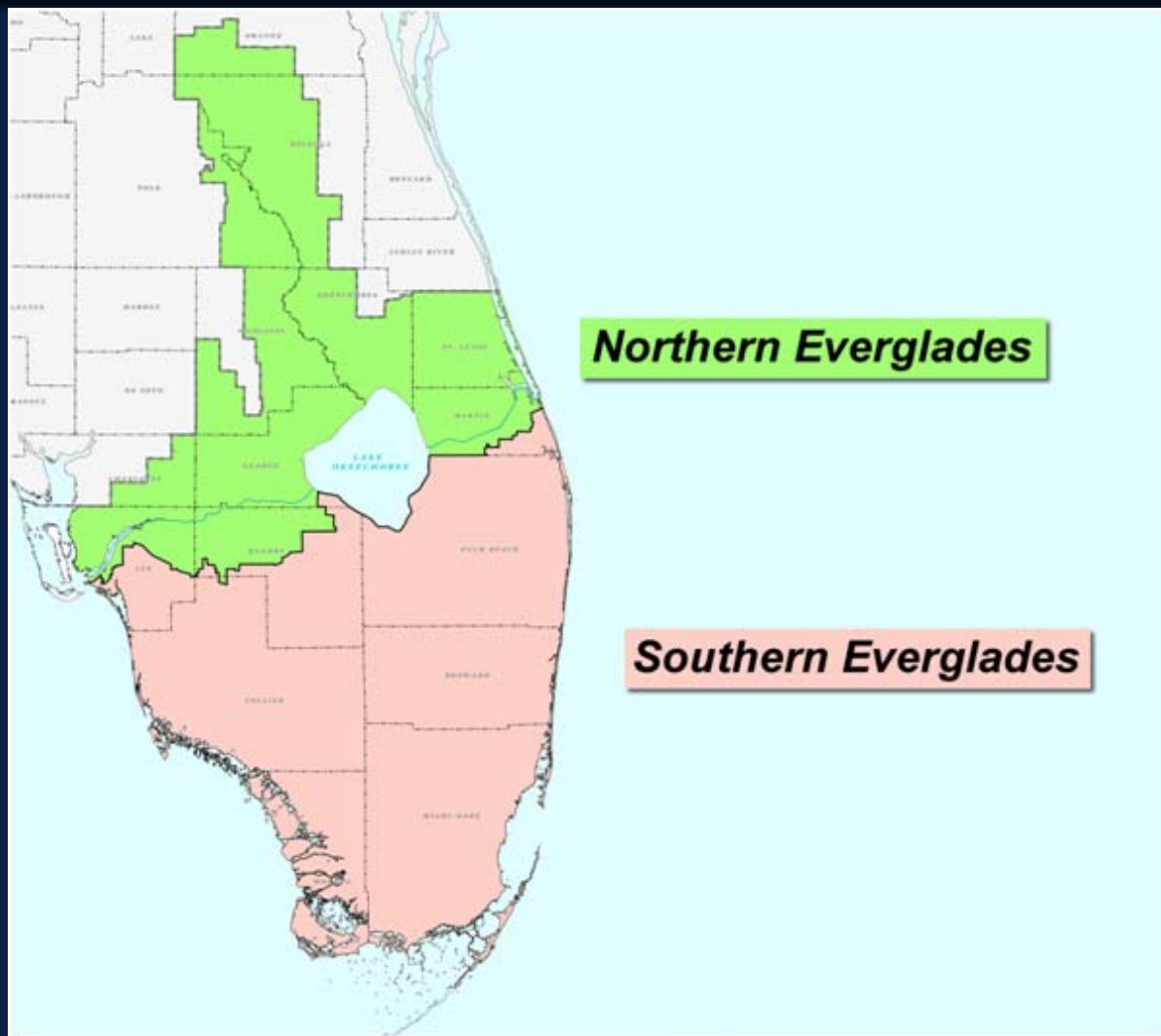
D

Distribution





# Everglades Ecosystem







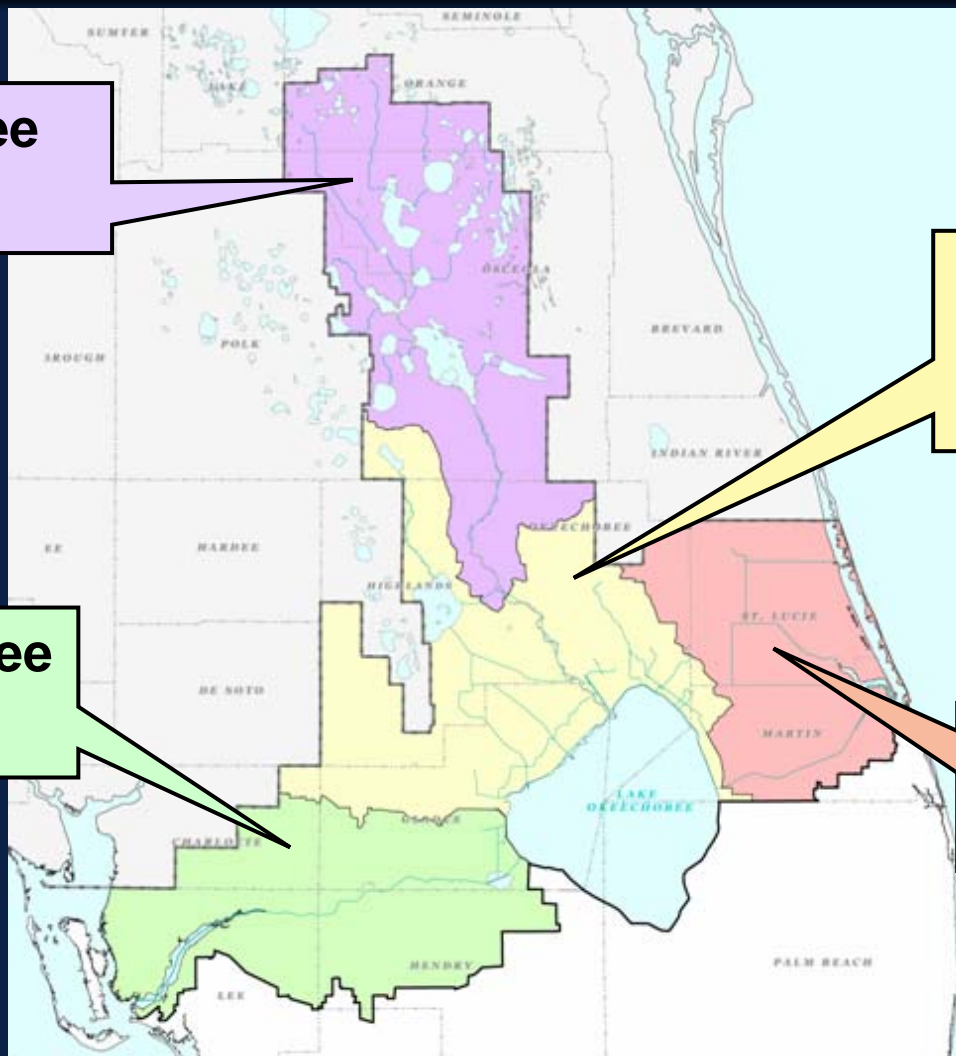
# Northern Everglades

**Kissimmee  
Region**

**Lake  
Okeechobee  
Region**

**Caloosahatchee  
Region**

**St Lucie  
Region**





## Relationship Between Northern Everglades and Palm Beach County

- **Primary water supply to Everglades Agricultural Area**
- **Secondary water supply to Lower East Coast**
- **Source of environmental water supply for Everglades Water Conservation Areas and other natural areas**
- **Therefore, quality and quantity of water being delivered from Northern Everglades has a direct impact on Palm Beach County**



## Northern Everglades Legislation Chapter 373.4595

- **Expands Lake Okeechobee Protection Program to the Northern Everglades and Estuaries Protection Program**
- **Builds-on and augments restoration plans currently underway**
- **Expands the use of the Save Our Everglades Trust Fund for Northern Everglades restoration**
- **Extends the state's commitment to provide funding for CERP and the Northern Everglades through the year 2020**



## Northern Everglades Planning Requirements

- **Continued implementation of Lake Okeechobee Protection Plan including development of a technical plan for Phase II of the Lake Okeechobee Watershed Construction Project by February 1, 2008**
- **Development of two new Protection Plans for the Caloosahatchee and St. Lucie River Watersheds to identify watershed storage and water quality projects by January 1, 2009**

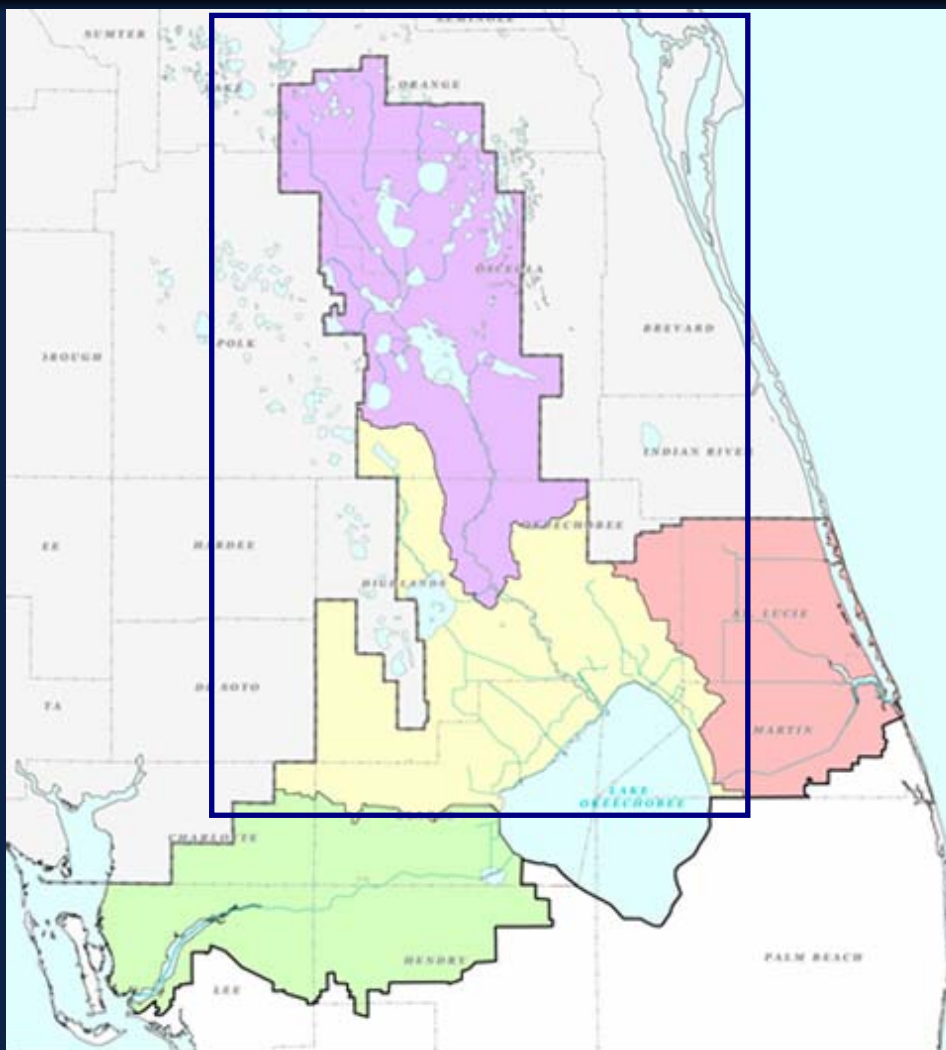


# Kissimmee and Okeechobee Regions Challenges





# Kissimmee and Okeechobee Regions





# Challenge: Complete Kissimmee River restoration







# Challenge: Intensification of land use







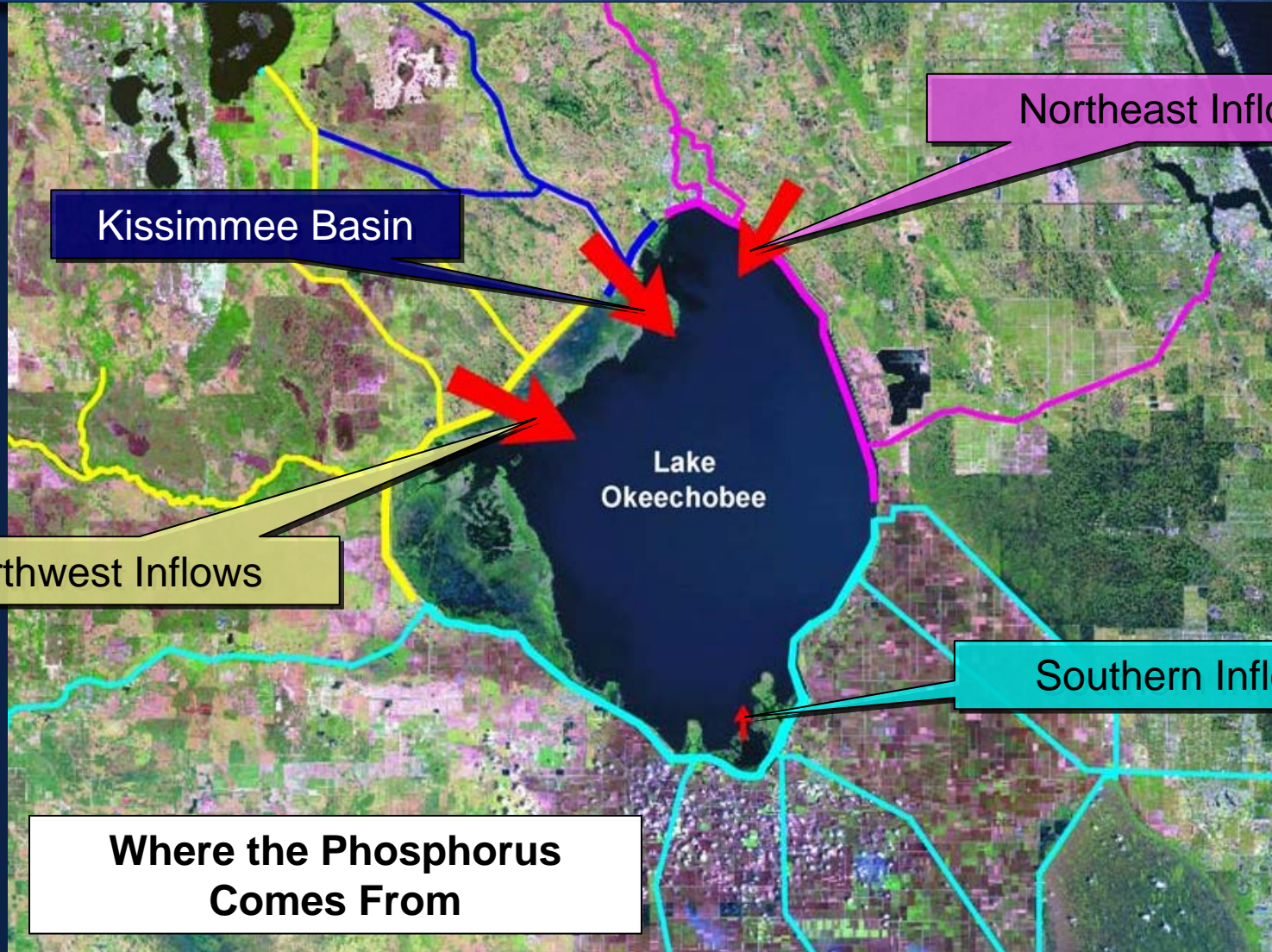
# Challenge: Legacy Phosphorus







# Challenge: High Nutrient Inflows



Kissimmee Basin

Northeast Inflows

Northwest Inflows

Southern Inflows

Where the Phosphorus  
Comes From





# Challenge: Extreme Water Levels

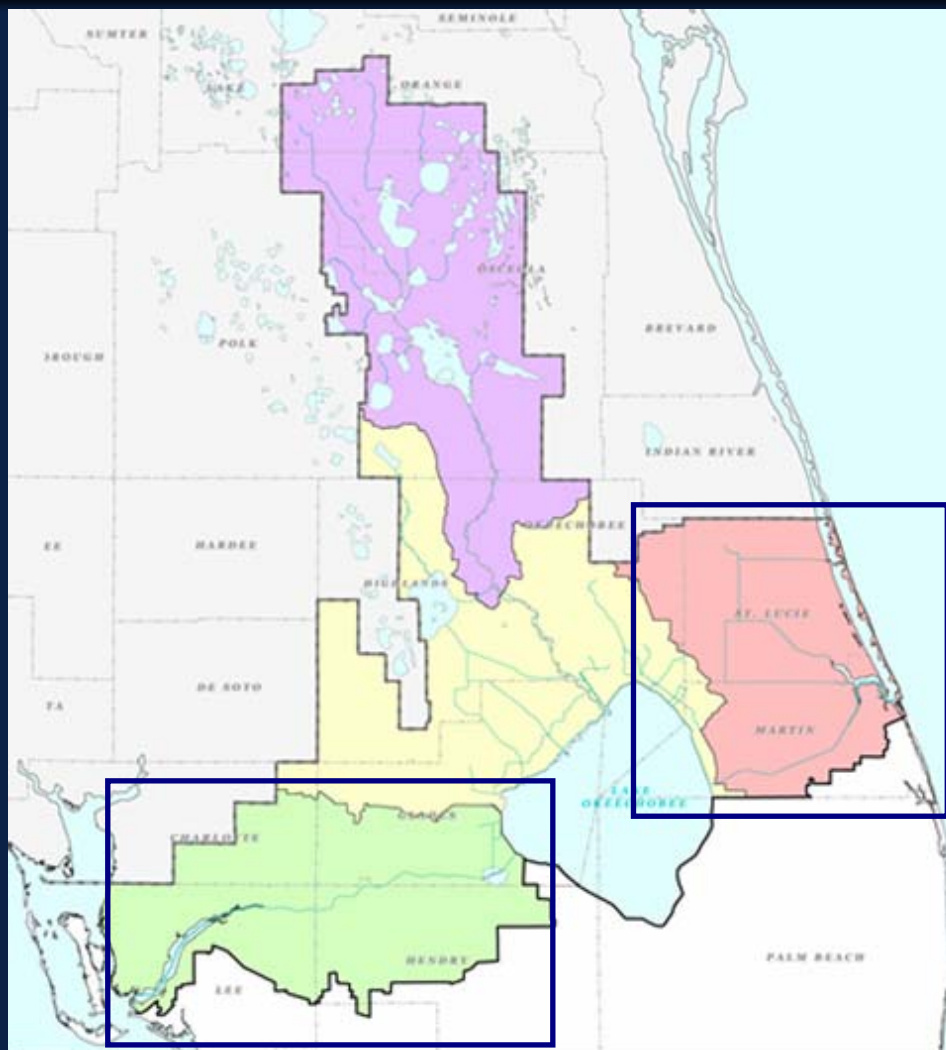




# St Lucie and Caloosahatchee Regions Challenges



# St Lucie and Caloosahatchee Regions







# Issue: Lake Okeechobee Releases







# Challenge: Urban Runoff







# Challenge: Agricultural Runoff







# Challenge: Excess Nutrients







# Northern Everglades Solutions

- **Local Features**
  - Source Control Programs
  - Land Management Programs
  - Alternative Water Storage Facilities
  - Local Initiatives
- **Regional Features**
  - Reservoirs and ASR
  - Stormwater Treatment Areas
  - Reservoir Assisted Stormwater Treatment Areas
  - Deep Injection Wells
- **Other Features**
  - In-Lake Treatment
  - Innovative Nutrient Control Technologies



## Lake Okeechobee Phase II Technical Plan- Development Schedule

- **End of Public Comment Period**      **December 13th**
- **Review comments and revise draft**      **Dec-Jan 2007**
- **Final Plan to Governing Board**      **January 2008**
- **Submit Plan to Legislature**      **February 1, 2008**



## Accessing Technical Plan and Providing Comments

- Technical Plan is available online at <https://my.sfwmd.gov/northerneverglades>
- Public comments may be submitted via
  - Website (webboard)
  - U.S. Mail to-

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## Caloosahatchee and St Lucie River Watershed Protection Plan- Development Schedule

- |                                     |                            |
|-------------------------------------|----------------------------|
| ■ <b>Plan Development</b>           | <b>Through Spring 2008</b> |
| ■ <b>Draft Plan Preparation</b>     | <b>Summer 2008</b>         |
| ■ <b>Public Review</b>              | <b>Fall 2008</b>           |
| ■ <b>Submit Plan to Legislature</b> | <b>January 1, 2009</b>     |





# Public Participation Venues for Protection Plans

- **Northern Everglades Interagency Meetings**
- **WRAC Lake Okeechobee Committee**
- **WRAC**
- **Governing Board Updates**
- **Task Force Updates**
- **Public Meetings**



Thank you

